

Converting Colors

Hex(2D1724)

Have a look what the booklet for
Hex(2D1724) contains.

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Color

Hex(2D1724)

Conversions

Conversions Part 1

Format	Color
Hex	2D1724
RGB	45, 23, 36
RGB Percent	18%, 9%, 14%
CMY	0.8235, 0.9098, 0.8588
CMYK	0.00, 0.49, 0.20, 0.82
HSL	325°, 32%, 13%
HSV	325°, 49%, 18%
XYZ	1.7070, 1.2981, 1.8296
YIQ	31.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

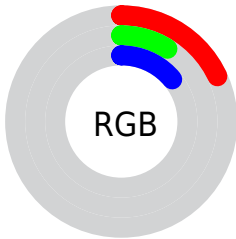
Format	Color
RYB	45, 23, 36
Decimal	2955044
CIELab	11.26, 13.43, -4.22
CIELCh	11, 14.080, 342.543
Yxy	1.2981, 0.3531, 0.2685
Android (android.graphics.Color)	4281145124 (0xFF2D1724)
YUV	31.0600, 2.4354, 12.2254
Hunter-Lab	11.3932, 6.8061, -1.5462

Details

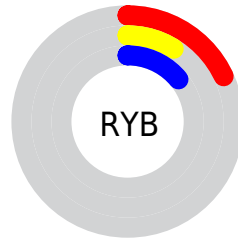
The Hex color **2D1724** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **172D20**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **5B4250**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D1322**, and if you desaturate by 10%, it is **2D1B26**.

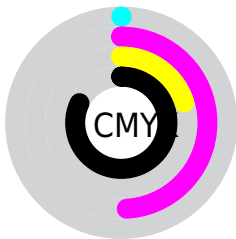
Distribution



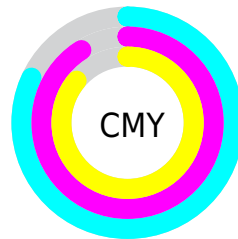
- Red (18%)
- Green (9%)
- Blue (14%)



- Red (18%)
- Yellow (9%)
- Blue (14%)



- Cyan (0%)
- Magenta (49%)
- Yellow (20%)
- Black (82%)



- Cyan (82%)
- Magenta (91%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1724 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2D1724 by changing the saturation by 10% instead.

 2D1724

 2D1724

 FFFAFF

 1A000F

 5B4250

 000000

 745A69

 8E7282

 A98C9C

 C4A7B6

 E0C2D2

 FDDEEE

 2D1724

 2D1724

■ 2D1322

■ 2D1B26

■ 2D0E20

■ 2D2028

■ 2D0A1E

■ 2D252A

■ 2D051D

■ 2D292B

■ 2D011B

■ 2D2E2D

■ 2D001B

■ 2D322F

■ 2D3731

■ 2D3B33

■ 2D4035

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241A2C



2D1724



30161A

Triad

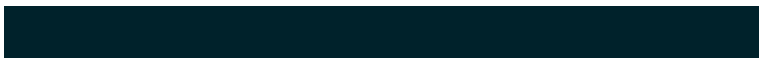
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D1724



211F07



00222B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2D1724



172D20

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



002322



2D1724



16210E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2D1724



291B08



082318



032130

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2D1724



301714



082318



002328

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2D1724



3B3237



20172D



1F191C



9E9E9E



1F1F1F

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2D1724



3B182C



2D1719



171516



570033



D6007F

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2D1724



3B182C



172D2B



171516



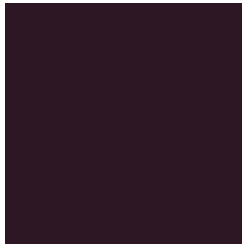
570033



D6007F

Previews

White Background



This preview shows how the Hex color 2D1724 looks on a white background.

Color Contrast Check

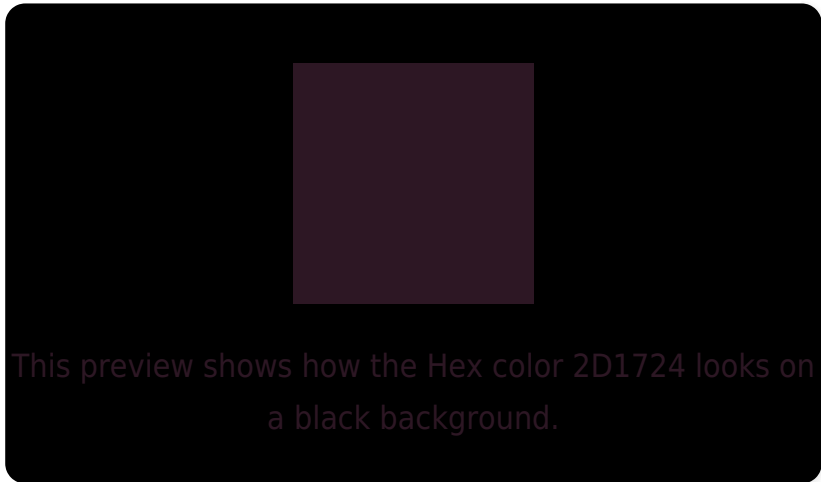
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

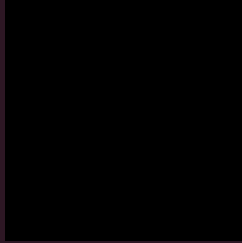
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2D1724 Background



This preview shows how black text looks on a background with the Hex color 2D1724.



This preview shows how white text looks on a background with the Hex color 2D1724.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
2D1724

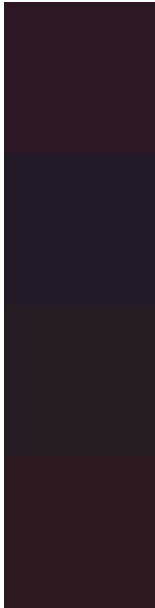
Protanopia
1C1E29

Deuteranopia
201E23



Tritanopia
2C191B

Trichromacy



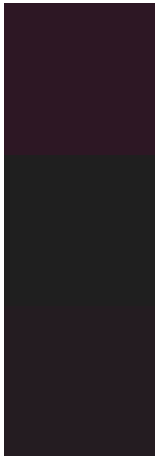
Original Color
2D1724

Protanomaly
221B27

Deuteranomaly
251B23

Tritanomaly
2C181E

Monochromacy



Original Color
2D1724

Achromatopsia
1F1F1F

Achromatomaly
241C21

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1724 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2D1724 looks like.

```
.text, #text, p{  
    color:#2D1724  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2D1724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1724
}
```

Border

The CSS property to change the border of an element to Hex 2D1724 is called "border". The border property can be set on classes, ids or directly on the HTML element.

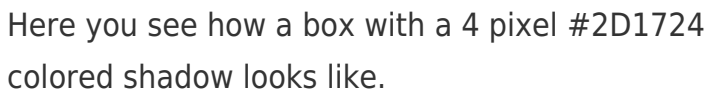
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D1724 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2D1724 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #2D1724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1724; -webkit-box-shadow:4px 4px  
4px 4px #2D1724; box-shadow:4px 4px 4px  
4px #2D1724 }
```

Background

The CSS property to change the background color of an element to Hex 2D1724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1724 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2D1724 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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